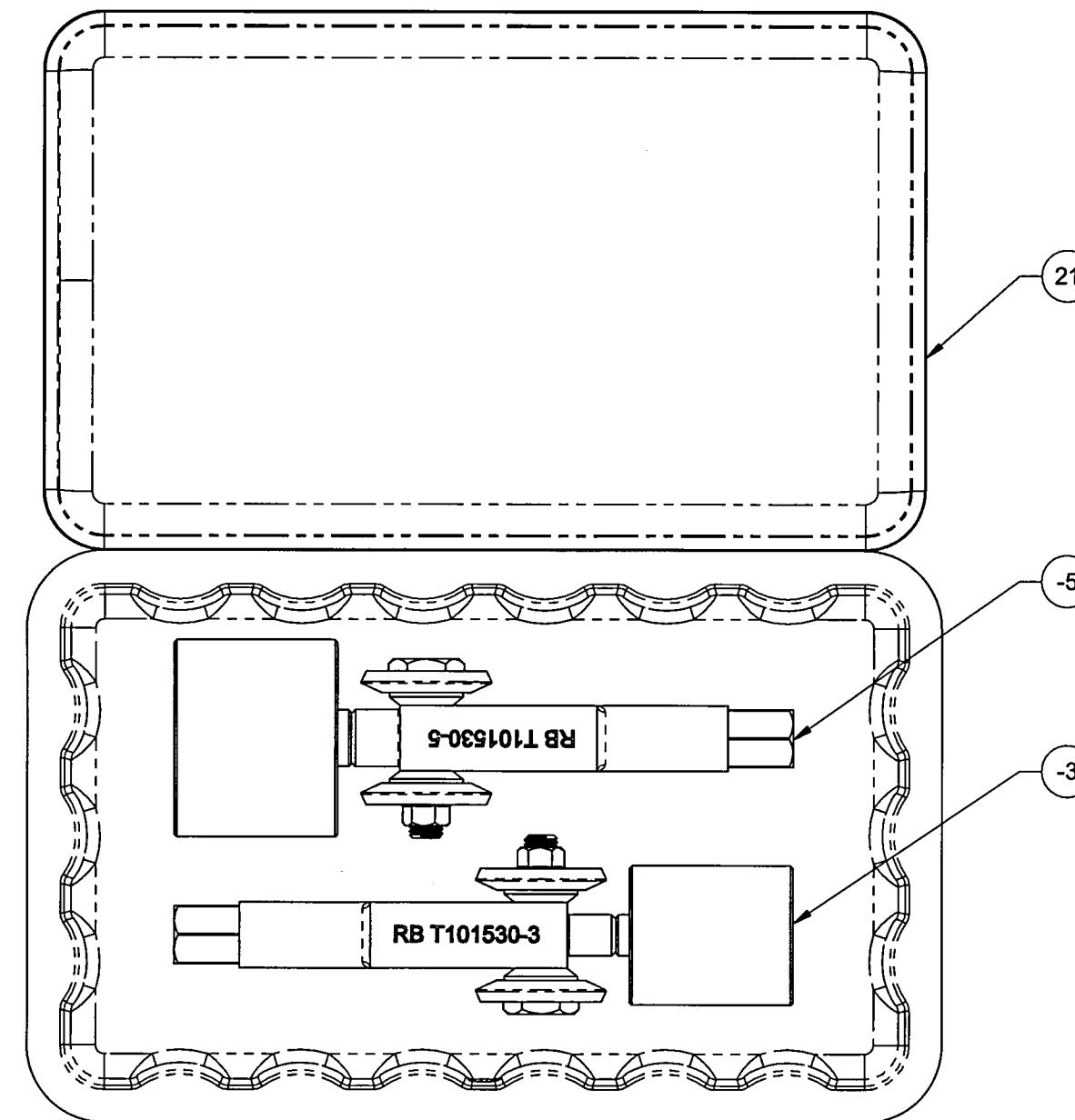


ITEM #	QTY	PART #	PART TITLE
-3	1	RB T101530-3	BEARING ROLL STAKE TOOL
-5	1	RB T101530-5	BEARING ROLL STAKE TOOL
21	1	PELICAN #APP-1040-E	PELICAN CASE



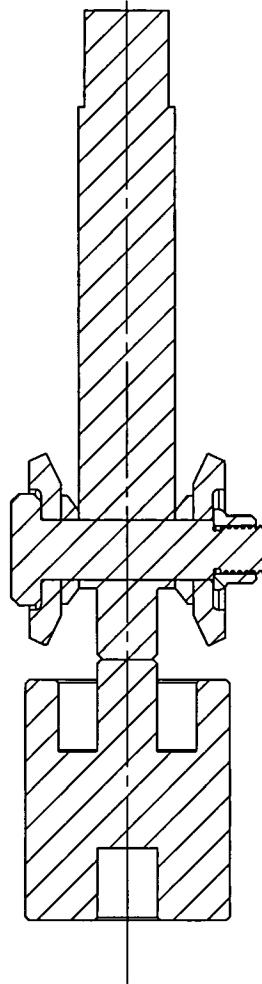
NOTES:  
 1) MATERIAL: N/A  
 2) HEAT TREAT: N/A  
 3) FINISH: N/A  
 4) TOLERANCES:  $X.X = +/- 0.1" / +/- 1^\circ$   
 $X.XX = +/- 0.01" / +/- 0.5^\circ$   
 $X.XXX = +/- 0.005" / +/- 0.1^\circ$   
 $X.XXXX = +/- 0.0005" / +/- 0.05^\circ$

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES =  $+/-0.005"$   
 5) UNITS: INCHES UNLESS OTHERWISE NOTED  
 6) BREAK SHARP EDGES: N/A  
 7) IDENTIFICATION: N/A

RB T101530 BEARING ROLLER TOOL (-3/-5)

A	NEW ISSUE	18-760	KK
REV.	DESCRIPTION	ECN #	BY
DESIGN	<i>ML</i>		
DRAWN	KK		
CHECKED	<i>ML</i>		
MFG. APPR.	DP		
APPROVED	<i>ML</i>		
TOOL PART #	<b>DART AEROSPACE LTD</b>		REV. A
RB T101530	HAWKESBURY, ONTARIO, CANADA		SHEET 1 OF 10
TITLE	<b>BEARING ROLLER TOOL (-3/-5)</b>		NTS
DATE	7/4/2018		SCALE
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ITEM #	QTY	PART #	PART TITLE
-7	1	RB T101530-7	BODY
-9	2	RB T101530-9	ROLLER
-11	2	RB T101530-11	SPACER
-13	1	RB T101530-13	BASE
-15	1	RB T101530-15	BOLT
20	1	MS21043-4	1/4"-28 LOCKNUT, STAINLESS STEEL



NOTES:  
 1) MATERIAL: N/A  
 2) HEAT TREAT: N/A  
 3) FINISH: N/A  
 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
     X.XX = +/- 0.01" / +/- 0.5°  
     X.XXX = +/- 0.005" / +/- 0.1°  
     X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
 5) UNITS: INCHES UNLESS OTHERWISE NOTED  
 6) BREAK SHARP EDGES: N/A  
 7) IDENTIFICATION: N/A  
 8) ASSEMBLE AS SHOWN, TORQUE ITEM 20 TO 50-70 IN/LBS.  
 9) ITEMS -9 MUST ROTATE FREELY.  
 10) THE TOOL MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG.

RB T101530-3 BEARING ROLL STAKE TOOL [10]

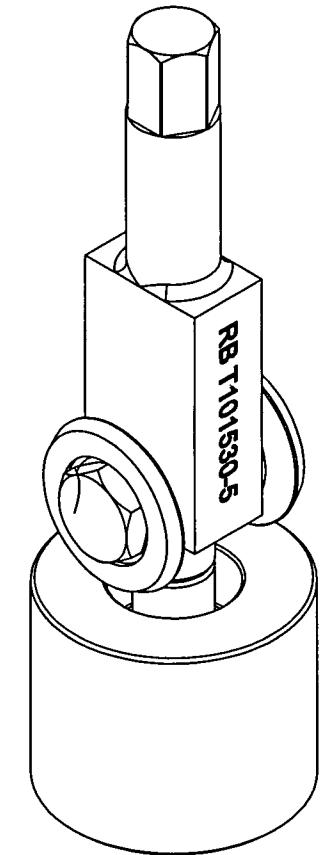
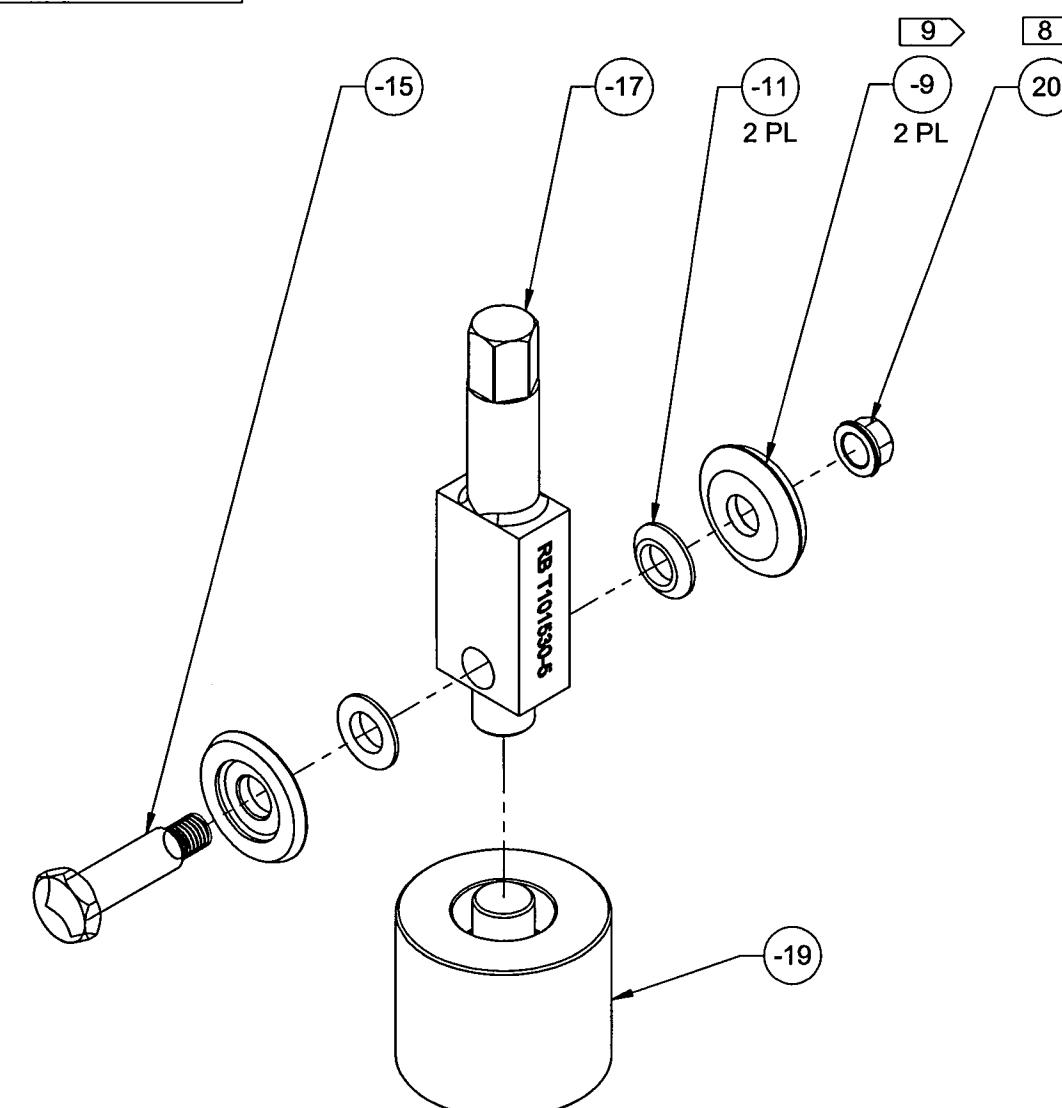
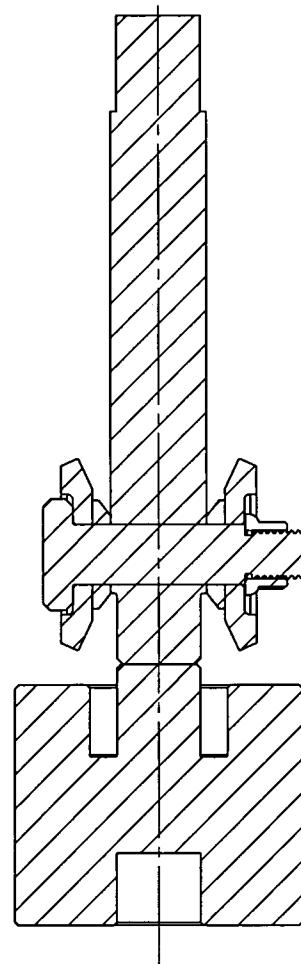
DESIGN	KK	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA
DRAWN	KK	
CHECKED	<i>M. Lee</i>	
MFG. APPR.	DP	
APPROVED	<i>M. Lee</i>	
DATE	7/4/2018	

TOOL PART # **RB T101530**  
 REV. A  
 SHEET 2 OF 10

TITLE **BEARING ROLLER TOOL (-3/-5)** NTS  
 SCALE

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ITEM #	QTY	PART #	PART TITLE
-9	2	RB T101530-9	ROLLER
-11	2	RB T101530-11	SPACER
-15	1	RB T101530-15	BOLT
-17	1	RB T101530-17	BODY
-19	1	RB T101530-19	BASE
20	1	MS21043-4	1/4"-28 LOCKNUT, STAINLESS STEEL



RB T101530-5 BEARING ROLL STAKE TOOL 10

NOTES:

1) MATERIAL: N/A

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: N/A

7) IDENTIFICATION: N/A

8) ASSEMBLE AS SHOWN, TORQUE FOR ITEM 21 MUST BE 50-70 IN/LBS.

9) ITEMS -9 MUST ROTATE FREELY.

10) THE TOOL MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG.

DESIGN	KK
DRAWN	KK
CHECKED	<i>M. Lee</i>
MFG. APPR.	DP
APPROVED	<i>M. Lee</i>

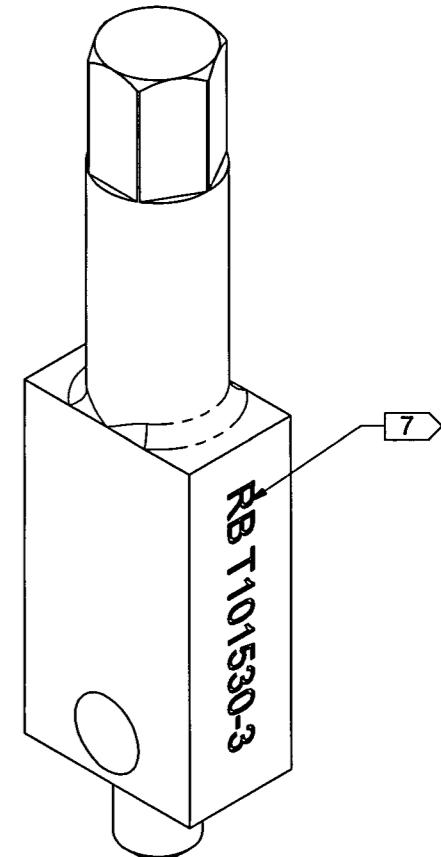
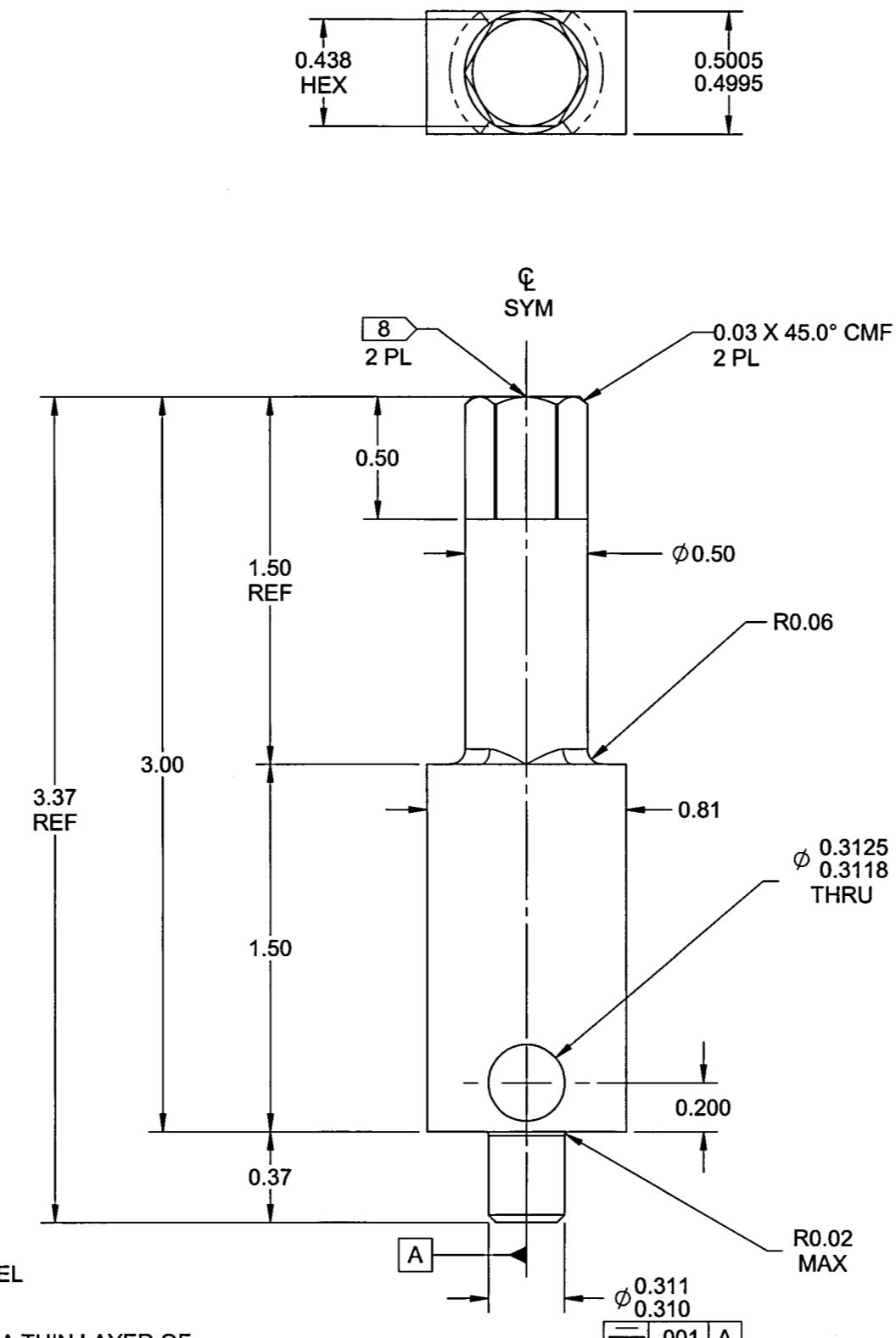
DATE 7/4/2018

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

REV. A  
TOOL PART #  
**RB T101530**  
SHEET 3 OF 10

TITLE  
**BEARING ROLLER TOOL (-3/-5)** NTS  
SCALE

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**NOTES:**  
1) MATERIAL: 4140/4142 (28-32 RC) OR 17-4 PH-H900-H1150 STAINLESS STEEL  
2) HEAT TREAT: N/A  
3) FINISH: 17-4PH: N/A

3) FINISH: 17-4PH: N/A  
4140/4142: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF  
OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III  
OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°

X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY AROUND ALL CENTER LINES +/- 0.005"

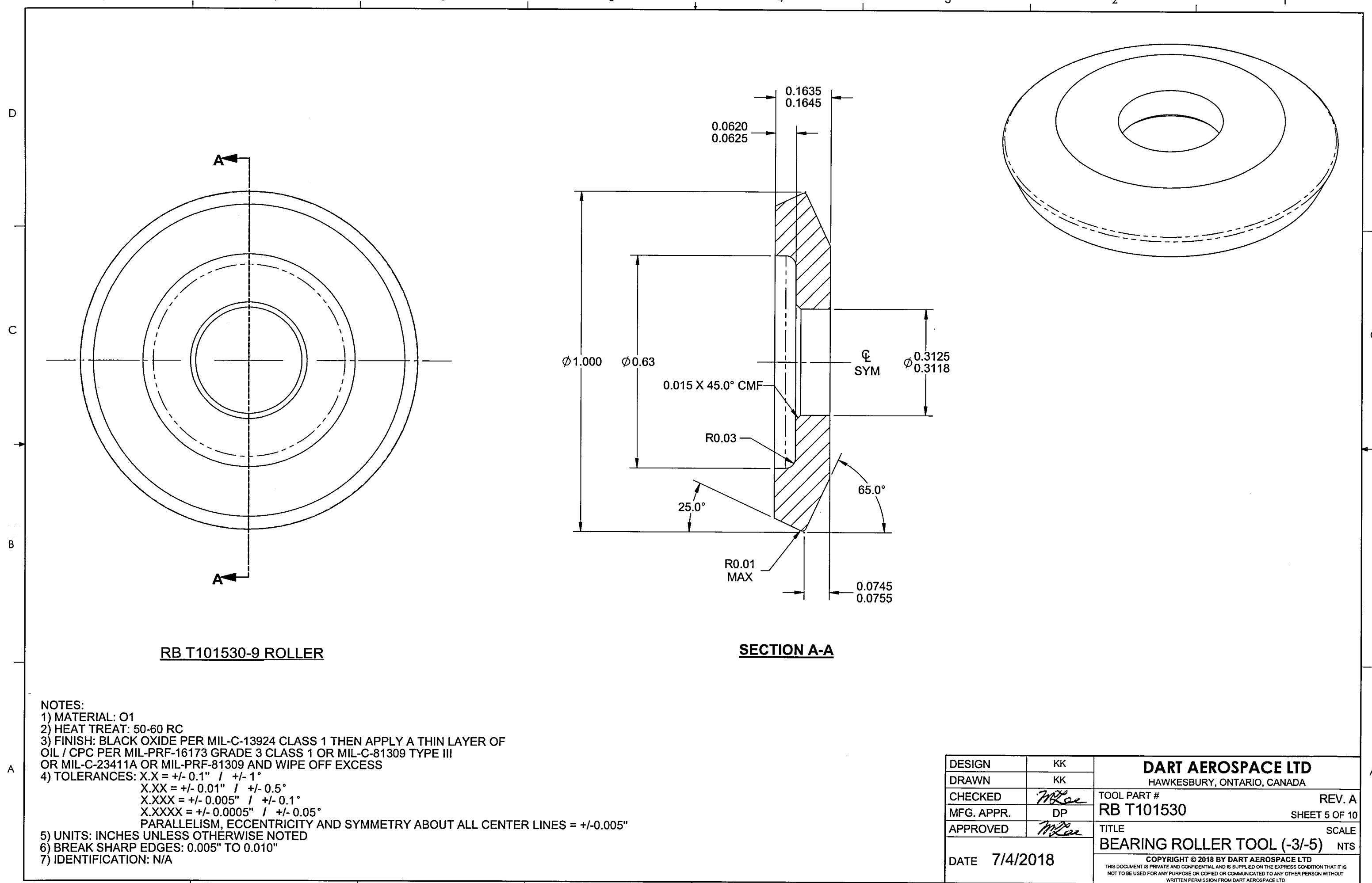
**PARALLELISM, ECCENTRIC  
5) UNITS: INCHES UNLESS OTHERWISE NOTE**

6) BREAK SHARP EDGES: 0.005" TO 0.010"  
7) IDENTIFICATION: MACHINE ENGRAVE PER CAD MODEL OR DOT MARK T/N AS SHOWN

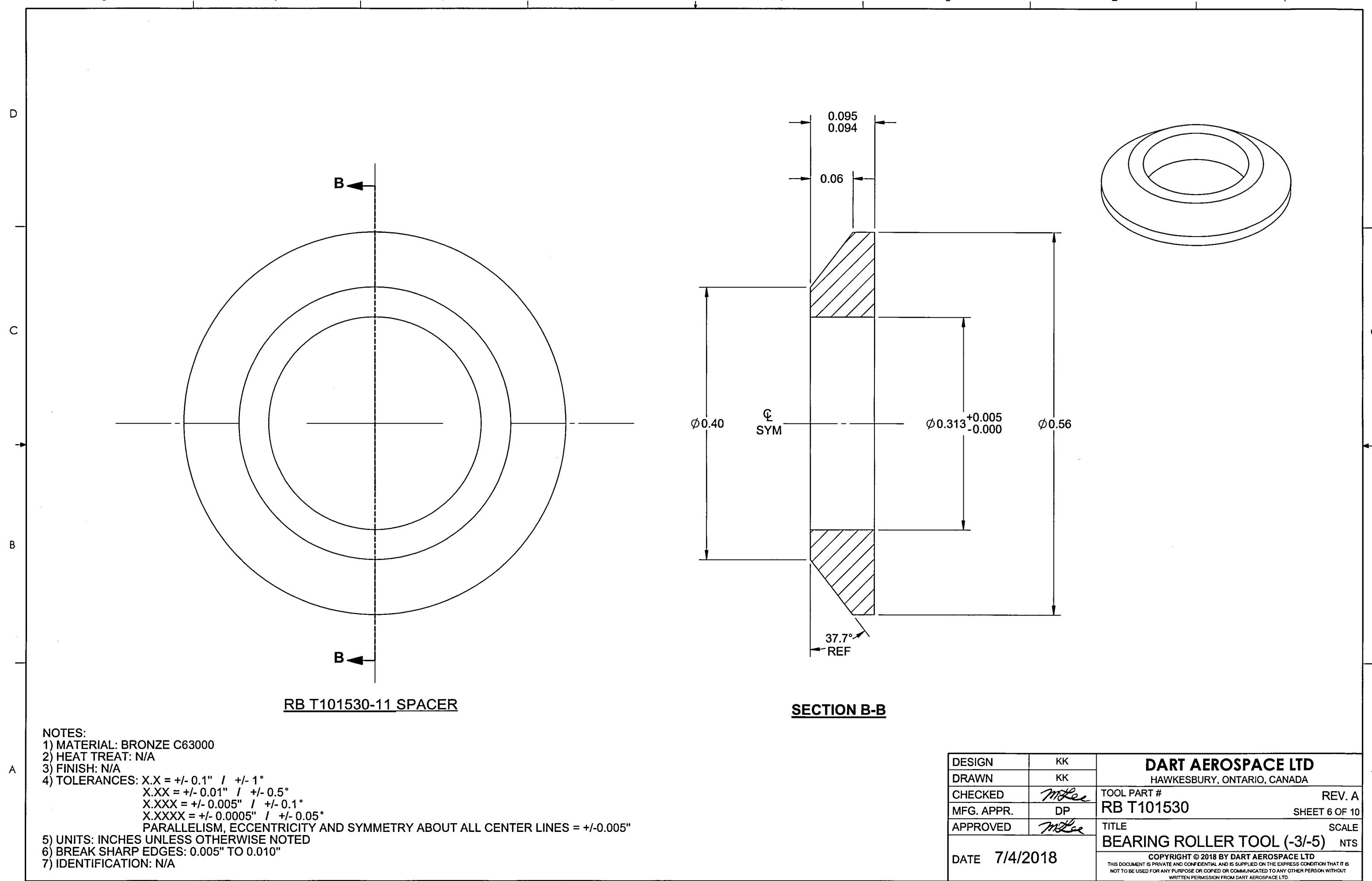
8) CENTER DRILL IS ACCEPTABLE

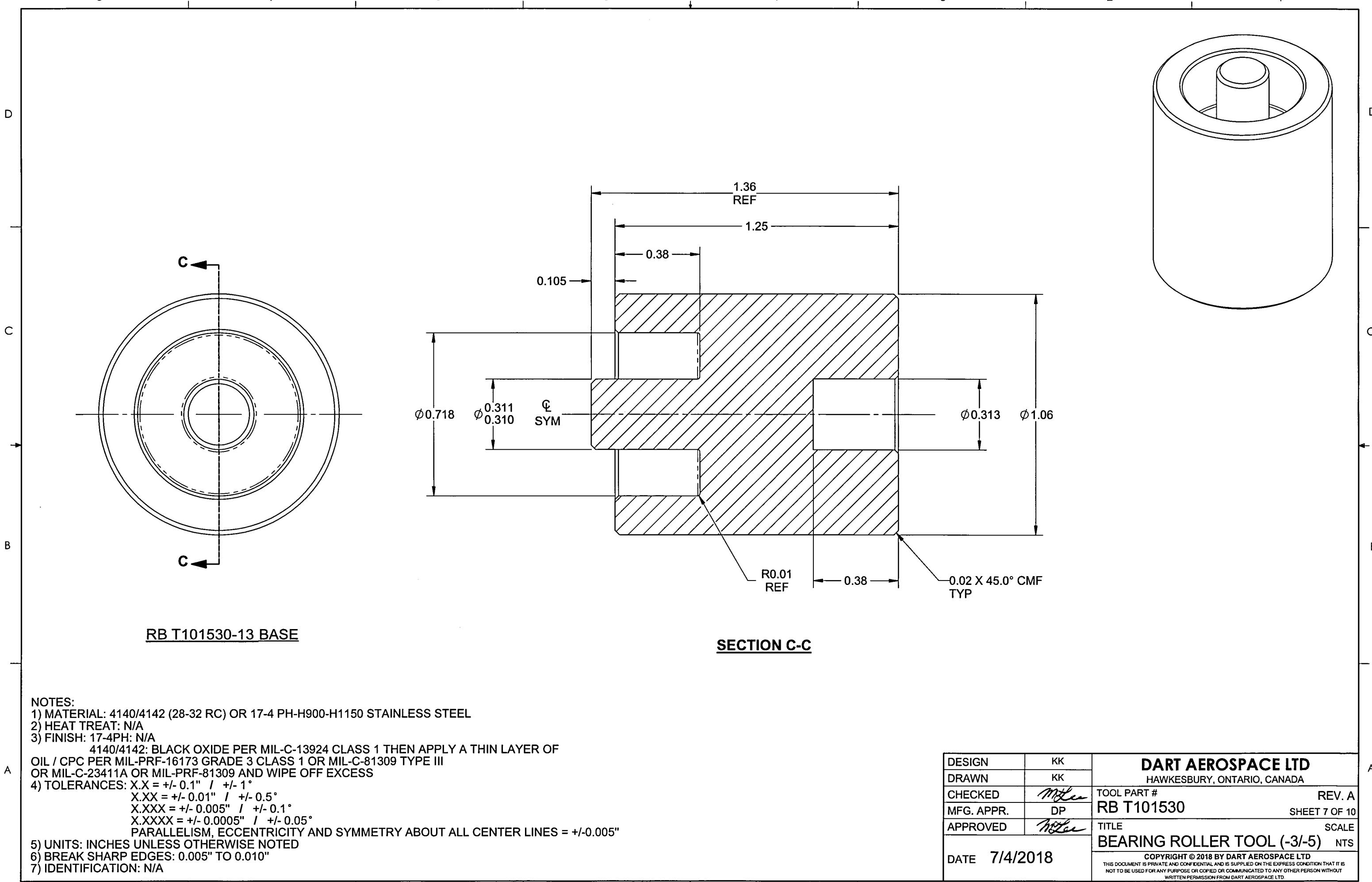
RB T101530-7 BODY

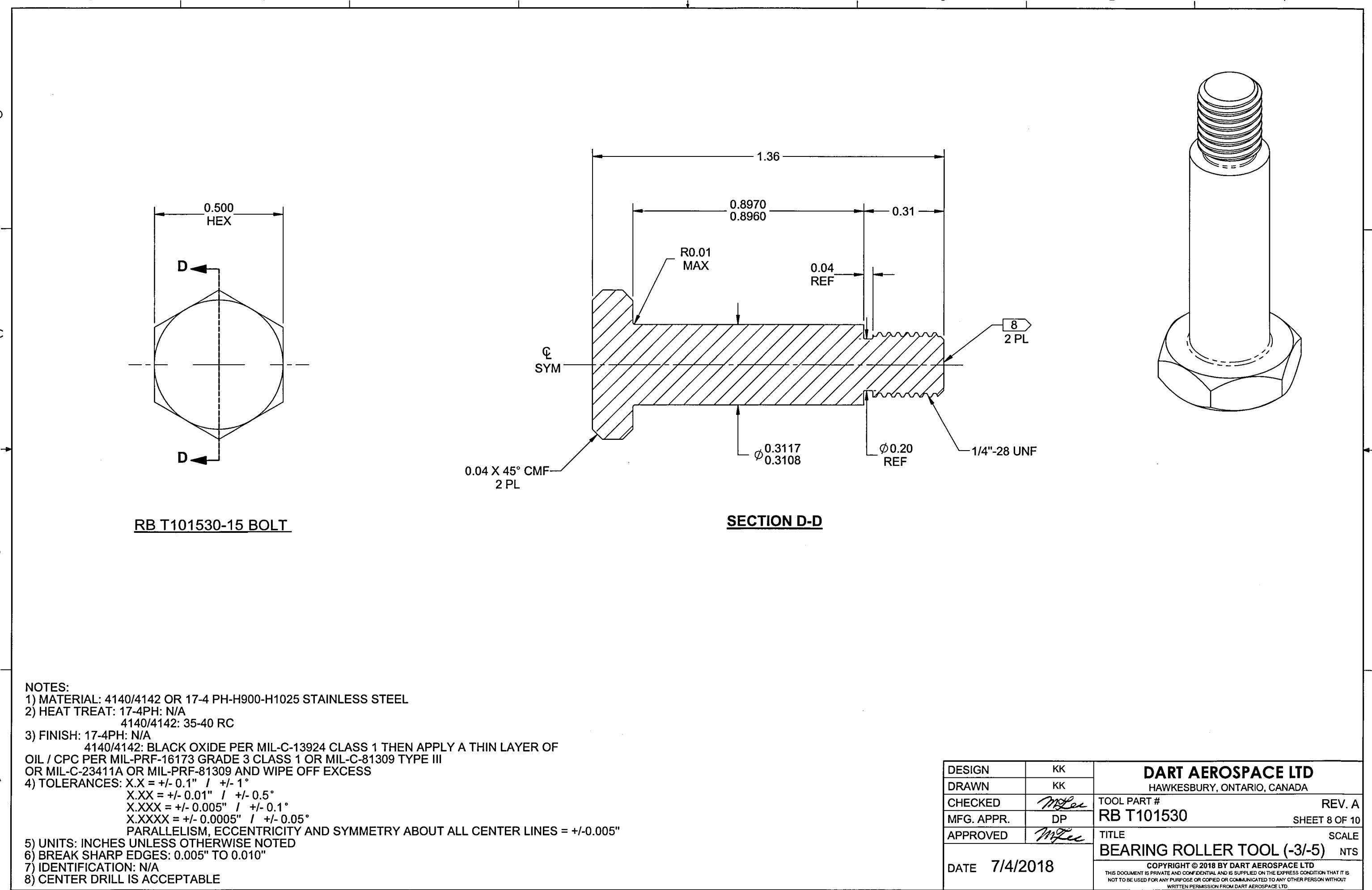
DESIGN	KK	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KK		
CHECKED	<i>M.Lee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB T101530	SHEET 4 OF 10
APPROVED	<i>M.Lee</i>	TITLE	SCALE
		BEARING ROLLER TOOL (-3/-5)	NTS
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DESIGN	KK	<b>DART AEROSPACE LTD</b>	
DRAWN	KK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>M. Lee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB T101530	SHEET 5 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
		BEARING ROLLER TOOL (-3/-5)	NTS
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DESIGN	KK	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KK		
CHECKED	<i>M. Lee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB T101530	SHEET 8 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
		BEARING ROLLER TOOL (-3/-5) NTS	
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